FIG. 1

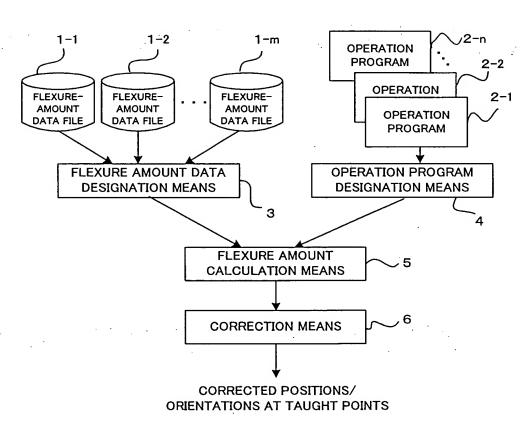


FIG. 2

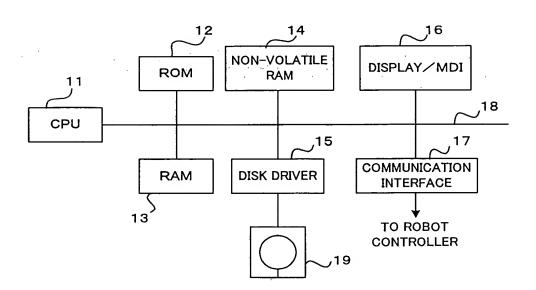


FIG. 3

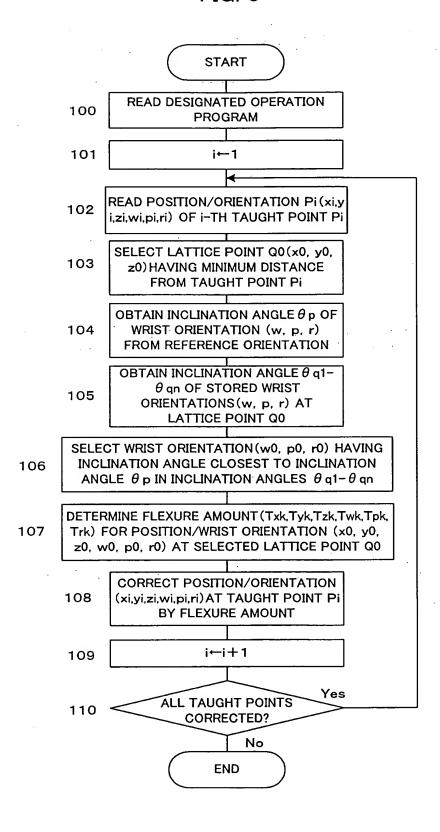


FIG. 4

## 1: TOOL WEIGHT W1, POSITION (X1, Y1, Z1) OF CENTER OF GRAVITY

POSITION	ORIENTATION	FLEXURE AMOUNT
(x1, y1, z1)	(w1, p1, r1) (w2, p2, r2) :	(Tx11,Ty11,Tz11,Tw11,Tp11,Tr11) (Tx12,Ty12,Tz12,Tw12,Tp12,Tr12)
(x2, y2, z2)	(w1, p1, r1) (w2, p2, r2) :	(Tx21,Ty21,Tz21,Tw21,Tp21,Tr21) (Tx22,Ty22,Tz22,Tw22,Tp22,Tr22) :
:	•	: :
(xn, yn, zn)	(w1, p1, r1) (w2, p2, r2)	(Txn1,Tyn1,Tzn1,Twn1,Tpn1,Trn1) (Txn2,Tyn2,Tzn2,Twn2,Tpn2,Trn2)

## 2: TOOL WEIGHT W1, POSITION (X2, Y2, Z2) OF CENTER OF GRAVITY

POSITION	ORIENTATION	FLEXURE AMOUNT

## k: TOOL WEIGHT W2, POSITION (X1, Y1, Z1) OF CENTER OF GRAVITY

POSITION	ORIENTATION	FLEXURE AMOUNT

## m: TOOL WEIGHT Wn, POSITION (X1, Y1, Z1) OF CENTER OF GRAVITY

POSITION	ORIENTATION	FLEXURE AMOUNT